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EXPRESS EV 543883488US
10/507158

DT15 Rec'd PCT/PTO 19 AUG 2004

PF020013 — FoFi: IF010049

(26/07/04 08:07)

PATENT APPLICATION

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Supply and drive means for a plasma panel using transformers

ABSTRACT

With the plasma panel (1) being provided with arrays (Y, Y') of sustain electrodes, these means comprise:

- at least one transformer (T_g) each comprising a primary circuit (P_g) and a plurality of secondary circuits (S_{gi}) intended to supply, without an intermediate switch, the sustain electrodes of the panel;

- a sustain pulse generator and means for connecting this generator to the primary circuit(s) (P_g) of the transformer(s) (T_g) which are designed so that the inductances of the transformer(s) (T_g) cooperate so as to recover and re-inject the capacitive energy between these sustain electrodes, preferably without any other specific inductance in the circuit.

These means are particularly inexpensive.

Figure 4.